

**XTO Energy Company
810 Houston Street
Fort Worth, Texas 76102**

**OPERATIONS PLAN
Fee # 4-A
Section 4, T-30-N, R-11-W
Fee # 9-Y
Section 9, T-30-N, R-11-W
San Juan County, New Mexico**

Prepared for:

**United States Department of the Interior
National Park Service
Aztec Ruins National Monument
Aztec New Mexico**

Prepared By:

**XTO Energy Company
Fort Worth, Texas**

I. LEASE AND OWNERSHIP INFORMATION

SURFACE OWNERSHIP

Fee # 4 – A – The surface is owned by the United States of America through a condemnation proceeding in 2000.

Fee # 9-Y – The surface (1.01010 acres) is owned by Aztec Land Company, 8333 Douglas Avenue, Suite 950, Dallas, Texas 75225-5896.

LESSORS (Mineral Owners)

See Attached exhibit A

II. COPY OF LEASE, DEED, DESIGNATION OF OPERATOR, OR ASSIGNMENT OF RIGHTS

Refer to Assignment from Energen to XTO Submitted to National park Service.

III. LOCATION OF OPERATIONS

XTO Energy operates two natural gas wells within the boundaries of the Aztec Ruins National Monument. The Fee # 4-A lies in the SW/4, Section 4 T- 30-N, R-11-W, San Juan County and the Fee # 9-Y is in the NW/4, Section 9, T-30-N, R-11-W, San Juan County. The attached Forms C-102 (exhibits B-1, B-2) describes the exact legal location of the two wells as staked by a registered professional land surveyor.

The attached exhibit C defines XTO's mineral ownership, as noted in yellow, within sections 4 and 9 of T-30-N, R-11-W and identifies the perimeter of the area where XTO has the right to conduct operations as described in the assignment of ownership.

IV. WELL HISTORY

Fee # 4-A

Location: 1850' FSL & 955' FWL, Sec. 4, T-30-N, R-11-W. San Juan County, New Mexico.

Spud well 6/30/83. Set 9.625", 36# casing at 289' Cemented to surface with 150 sacks of cement. TD well on 7/7/83. Set 7", 23# production casing to 4924'. Mixed and pumped 805 sacks of cement in 3 stages and circulated cement to surface on the final stage.

This well is currently dually completed in the Pictured Cliffs and the Blanco-Mesa Verde formations with a perforated interval from 3069' – 4780'.

The gas produced from this well does not contain any hydrogen sulfide.

The well is actively producing natural gas and has a gas pipeline connection with El Paso Field Services with any related natural gas liquids sold to Giant Industries.

Fee # 9-Y

Location: 152' FNL & 910' FWL, Section 9, T-30-N, R-11-W, San Juan County, New Mexico.

Spud well 2/13/81. Set 9.625", 36# surface casing at 299'. Mixed and pumped 150 sacks cement and circulated cement to surface. TD well on 2/24/81. Set 7" production casing at 4793'. Mixed and pumped 850 sacks cement and circulated cement on the final stage.

This well is currently dually completed in the Pictured Cliffs and Mesa Verde Formations with a perforated interval from 2082' – 4600'.

The well is actively producing natural gas and has a gas pipeline connection with El Paso Field Services with any natural gas liquids sold to Giant Industries.

The gas produced from this well does not contain any hydrogen sulfide.

V. DESCRIPTION OF OPERATIONS

XTO Energy proposes to maintain existing production rates for the economic life of these wells through normal maintenance and repair activities. These activities may include hydraulic fracturing, acidizing and additions of scale control chemicals into the wellbore for enhanced production life as well as the addition of artificial lift equipment or wellhead compression.

The Fee # 4-A is currently being produced through a plunger lift system where gas, water and natural gas liquids flow through a steel flowline to a horizontal low pressure, three-phase separator where the oil, gas and water are separated. Gas flows to the El Paso meter run where flow rates and volumes are monitored with an electronic flow metering system. This is the sales point for the gas stream. After separation, the produced water flows to a 120 barrel water storage tank where it is held until a tank truck arrives for regular scheduled removal to a commercial disposal. All natural gas liquids are collected in a 300 barrel production tank. The liquids are periodically trucked from the lease and sold. This well currently produces 30 – 50 MCF per day,

.25 barrels of oil per day and 5 – 10 barrels of water per day. The pipeline pressure is approximately 190 psig. Refer to exhibit D for a current photograph of the well pad, well head and meter run. Exhibit E is a scale drawing of the existing access road, well pad and associated gas gathering system and electrical power supply.

The Fee 9-Y is a flowing well with the wellbore gas and fluids flowing to a steam generator separator. At this point produced liquids are separated from the gas stream and collected in a 100 barrel water tank and a 300 barrel condensate tank. The gas stream flows to the El Paso meter run where flow rates and volumes are monitored with an electronic flow metering system. This is the sales point for the gas stream. Any produced water collected in the tank is trucked off lease by a contractor and disposed at a commercial facility. This well produces 70 – 80 MCF per day, no oil, and no water. Refer to Exhibit F for a current photograph of the existing fenced facility at well # 9-Y. Exhibit G is a scale drawing of the existing access road, well pad and associated gas gathering system and electrical power supply.

VI. PRODUCTION OPERATIONS

Compliance With Operating Standards – XTO Energy Inc. shall comply with the existing operating standards in 36 CFR §9.41-9.46.

- No surface operations shall be conducted within 500 feet of a watercourse or any structure or facility (excluding roads) used for interpretation or administration, unless specifically authorized.
 - Should any production be suspended the well shall be shut-in by use of the master control valve.
 - Each well shall be identified by a prominently placed sign designating XTO as operator and an emergency telephone number.
 - Each well shall have warning signs posted at each location
 - Accumulation of petroleum hydrocarbons or other hazardous materials shall be prevented.
 - All equipment and materials not necessary for production shall be promptly removed.
1. Site Security – XTO proposes to maintain lease security by maintaining and locking the primary access gates to the lease entrances. Keys or combinations to the locks shall be given to park personnel and only those others allowed to have access to the leases. Each well shall have a sign with the legal description of the property and a telephone number and name in case of emergency.
 2. Production Methods - Well 9-Y is currently flowing and does not require any artificial lift equipment. Well 4-A is currently producing through a plunger lift system

3. Separation, Storage & Sales – Each well produces gas liquids which flow to a three-phase separator where gas, liquid hydrocarbons, and water are separated. Gas flows to a meter run where the transfer of custody changes to El Paso Field Services. Natural gas liquids flow to a holding tank where they are collected and sold by truck to Giant Industries. Produced water is held in a separate water storage tank and periodically removed by a third party contractor for disposal. At current production rates the water is hauled from the Fee 4-A once a week and the oil is hauled off once a year. Refer to Exhibits H-1 and H-2 for current photographs of the separation, storage and sales facilities on each well site.
4. Road and Location Maintenance - A portion of the access road to the 4-A well is also utilized by Manana Gas Inc. and El Paso Field Services. This common access portion shall be maintained by the various operators that utilize the road. The portion of the road that travels from the juncture with the Manana well access to the well pad shall be maintained solely by XTO Energy. Exhibits I-1, I-2 and I-3 reflect the current access road to well 4-A. The access road to well 9-Y shall be maintained by XTO Energy. Maintenance shall include crowning and ditching as necessary for water drainage. All efforts will be made to keep traffic on the existing road surface and avoid disturbance to any additional pasture areas. Exhibits J-1 and J-2 are current photographs of the access road to well 9-Y.

The locations and roads for both wells shall be kept in an orderly fashion and free from debris. As needed, periodic spraying with herbicides approved by the Superintendent and applied in locations and in a manner acceptable to the Superintendent may be employed to reduce vegetation encroachment on the roads and wellpads.

All road and location maintenance activities shall be performed with respect to all known cultural resources. Specific attention shall be paid to the access road leading into well 4A, because it crosses over an identified cultural site. To prevent further deepening of the road bed over this site, XTO will install geotextile materials and appropriate gravel padding on top of a portion of the existing Fee # 4-A access road in a location and manner acceptable to the Superintendent. Road maintenance in this section may include occasional grading, but no construction of culverts or waterbars that would require disturbance deeper than the present roadbed or outside the road width. All traffic would be required to stay on the road surface, travel at a speed not over 10 mph, and not stray onto adjacent property occupied by the cultural site.

Maintenance of the other portions of access roads to both wells shall include crowning and ditching as necessary for water drainage. Existing

culverts will be maintained and used for water transport during high flow periods to minimize washouts.

No road maintenance of waterbars beyond the road prism shall be allowed and the primary driving surface shall be limited to approximately 12 feet in width.

Any ground disturbing maintenance activities will be monitored by a qualified archaeologist. When access roads are wet enough that rutting would occur from vehicle use in non-emergency situations, XTO will avoid using the roads and instead drivers will park at the road entrances and walk to the well sites. The total disturbed width on all access portions, including the ditching of the access road shall be limited to approximately 14 feet. XTO shall notify the Park of proposed road maintenance prior to undertaking any such maintenance.

XTO proposes to restrict the width of the driving surface to approximately 12 feet by employing physical barriers such as logs, rocks or stakes and flagging along the sides of the roads. All such barriers shall be removed upon reclamation of the road and well site. In disturbed areas where no archaeological sites have been identified, the soil along the edges of the road that has been deposited by previous road blading will be leveled and/or restored to the driving surface as appropriate.

5. Future Well Activities - Throughout the remaining producing life of these wells XTO can be expected to extract the natural gas resources by the most efficient and economical methods. Currently the 9-Y well is flowing and will encounter a reduction of reservoir pressure requiring the use of beam pumping units, plunger lift or compression to assist in production. The 4-A well is currently utilizing plunger lift to assist production in the well. In the future, the well may require other forms of artificial lift equipment or compression to efficiently drain the reservoir.

Other well bore activities may include downhole chemical and stimulation treatments to enhance production or remove unwanted scale build up in the well. Certain activities may require the use of a well servicing rig, chemical transport trucks, equipment trailers, fluid storage tanks and above ground steel fluid circulation pits. All activities on the park property shall be conducted in a responsible manner and XTO Energy and its contractors shall make every effort to prevent oil, brine, chemicals or other materials from contaminating the ground. Efforts will be taken to contain all fluids and minimize impacts to surface resources. All spent well bore fluids shall be transported off lease and disposed of at a commercial facility.

Installation of new artificial lift equipment, gas compression, or other long-term facilities similar to that described in this section shall occur only after a proposal has been reviewed by the Superintendent and found to be acceptable and within the scope of the approved plan of operations and environmental assessment. Operations beyond the scope of the proposed plan and environmental assessment may require a revision to the plan of operations under 36 CFR, §9.40 and additional environmental compliance.

Certain reservoir dynamics may dictate the need for compression or the installation of a beam pumping unit. The compressors would be installed near the wellhead and would have some impacts upon the surroundings. Increased noise from the gas powered compressor would be noticed in the park area. XTO would make every effort to use existing technology to minimize the noise generated at the source. Similarly, some noise and visual impacts may be noted with the installation of a beam pumping unit. Visual impacts could be minimized with the use of non-contrasting paint schemes. Noise could be reduced with the use of electrical power for the pumping units but would add some visual disturbance due to the required height of power poles and primary wires. The installation of pumping units or compression could also increase the possibility of spilled fluids or contaminated soils near the equipment. XTO shall make every effort to minimize soil contamination through the use of plastic liners below the equipment or containment vessels to catch any drips or spills.

All activities shall use secondary containment basins to collect drips, spills, leaks or any other disposal reuse liquids. Please refer to Exhibits H-1 and H-2.

XTO shall prepare, submit and notify the NPS and appropriate emergency authorities stated on XTO's attached SPCC plan in the event of leaks, spills, fires, explosions at the well site(s).

For all releases to the ground of 5 gallons or more of oil or contaminating substances, as defined at 36 CFR, §9.31(o), XTO Energy will promptly report the following initial information to the Superintendent of Aztec Ruins National Monument: the time the spill was discovered; the type of product released; the location; estimated spill volume; cause of spill; area covered; estimated rate of release if spill is ongoing; direction of spill movement; description of contaminated area; proximity to surface waters, roads, or trails; weather conditions; what steps are being taken to remedy the situation; and initial response equipment required. For releases in excess of five barrels in the aggregate, XTO Energy will provide a written report to the superintendent within 10 working days of the incident. In addition to the information reported in the initial notification, the written report will include steps that will be or have been taken to prevent recurrence of the incident.

The Aztec Ruins National Park personnel shall receive notice of all significant wellsite or lease activity by telephone from authorized XTO employees. Certain wellbore activities may require notification and approval from federal or state regulatory agencies, any such application and regulatory approval shall be included in the notification to park personnel.

In order to perform wellsite activities, a sufficient area must be maintained around the wellbore to safely stage and set men and equipment. This cleared area must be able to accommodate a well servicing unit, rig crew vehicles, transport truck, acid, cement or tool trucks and pipe racks. A safe operating area would encompass approximately 20,000 sq. ft. or an area 100' X 200'.

Regardless of the nature of the activity performed on the park property all XTO personnel and personnel performing work for XTO shall be instructed as to the significance of the cultural resources of the park area.

6. Impacts of Production Activities - Due to the existing nature of the types of producing methods (flowing and plunger lift) very few impacts may be noted by any of the surrounding animal species or visitors to the park area. These production methods are very clean and virtually soundless.

In the event of increased water production or loss of reservoir pressure, it may become necessary to install well head compression or a beam pumping unit to assist in production. These methods would partially increase the noise impacts to the surrounding area experienced by park visitors and animal species frequenting the park. In any case, XTO Energy would install noise abatement equipment on the production facilities to minimize or reduce impacts.

Periodic well workover activities would require the use of a well servicing unit and related equipment which would could have a minor impact on the public visiting the park.

Cultural Resources – Protection of cultural resources are significantly addressed in the Cultural Resource Inventory and Limited Testing research document's management recommendations prepared by San Juan County Archaeological Research Center and Library.

Land Features - The existing access roads shall remain the primary access roads for egress and ingress. No alternative access roadway is proposed due to the sensitive nature of the cultural resources and XTO's desire to not further disturb the park visitors.

Access Roads - Each well shall be visited by an XTO employee daily to record data and check any automated or mechanical operation. The 4-A well will have water removed weekly from the water holding tank and oil removed from the production tank on a yearly basis. The 9-Y well currently does not make any water or oil and should not have any frequent commercial traffic at this time. Only minor effects to existing land uses are anticipated. Traffic to and from the well sites will have some CO2 exhaust. Some vegetation disturbance and some increase in dust particulate matter will occur as well as some visual resource conflicts with park visitors. Disturbances are confined and localized to access roads and well pads.

Wildlife - Vehicular traffic along access roads may indirectly or temporarily affect wildlife migration. Production, storage and pipeline gathering facilities may disturb wildlife utilization in the immediate vicinity of these facilities. Wildlife also may be directly impacted by containment spills, leaks and hydrocarbon releases which may occur during continuing production activities.

Vegetation - Possible indirect impacts to vegetation may occur as a result of produced water or petroleum spills. Restoration activities would provide for the removal and replacement of contaminated soils and reseedling of affected areas.

Soils - Soils contaminated by produced water or oil will be removed and replaced with clean soil.

Contaminated soil will be removed and replaced with contaminate free soil of the same kind as the soil being removed. New soil will be hauled in from an outside source unless directed by the NPS.

Soil, rock or road material used to maintain access road and locations will be of similar character to existing soils and shall be used to maintain the areas for all weather surfaces

Water Resources - Any impacts to surface or ground water are expected to minimal. Well sites are above the 100 year floodplain elevation. To minimize drainage patterns along the access road, well pads and pipelines, XTO would install culverts, berms and water diversions to reduce the effect of water erosion. No activity shall commence without consultation from NPS staff.

Air Quality - Air emissions from production facilities, storage tanks, and vehicular traffic are expected to be localized and dispersed by prevailing

winds and will meet or exceed New Mexico Environment Department standards.

Noise - Noise levels will increase temporarily within the project area during workovers, road maintenance, pipeline gathering system construction and repair. The impact is localized and short term in duration. Production facility and daily vehicular traffic will introduce new noise levels; however, insulation and muffling equipment will minimize noise levels and should not increase the source levels over 15-25% of current ambient dbs level.

Existing surface disturbance – As noted on the scaled diagram Exhibit E the existing surface disturbance associated with the well pad for well #4-A is approximately 1.688 acres. The access road for this well begins at the west ½ Section line of section 4 and courses approximately 800 feet in an easterly direction and then courses south approximately 400 feet into the existing location for a total of 1200 feet in length and 16.5 feet in width. The existing access road has total disturbance of approximately .474 acres for a total disturbance associated with well #4-A of 2.16 acres. The existing access road for well #4-A is depicted on Exhibit K.

Well #9-Y total surface disturbance is depicted on Exhibit G. The pad area contains a total disturbance of approximately .352 acres within the chain link fence area. The access road for the #9-Y well departs in a westerly direction from Ruins Road for approximately 50 feet and veers west 235 feet into the gate surrounding the well pad. An additional unused road of approximately 415 feet in length parallels the primary access road to the #9-Y road. This existing 415 foot section of road should not be used as an access to the well pad. It is instead used by residences south of the #9 well pad. This road shares with the access road to the #9 a short portion that adjoins Ruins Road. XTO shall not be responsible for reclaiming the shared portion unless the remainder of the road used by residents is abandoned at some time in the future. The existing primary access road has a total of 285 feet in length and 16 feet in width with a total disturbance of approximately .105 acres for a total disturbance associated with well #9-Y of .457 acres. The existing well # 9-Y and surrounding topographic features are depicted on the Exhibit L.

While the combination of oil and gas and early Puebloan history may be an extreme contrast, the visitor experience shared at the park may also be one that fosters the understanding of the diverse natural resources of the monument and those also found elsewhere in the San Juan Basin.

VII. ABANDONMENT

Once the wells reach the end of their economic life it will become necessary to initiate abandonment procedures. Notification shall be made to the necessary federal and state agencies for the proposed plugging procedure. Upon approved proposal and recommendation, XTO shall plug each well in a manner which will permanently confine all oil, gas and water in the separate strata in which they were originally found. This will be accomplished by applying mud-laden fluid, cement, and plugs singly or in combination as approved by the New Mexico Oil Conservation Division (NMOCD) and National Park Service.

Equipment necessary to plug the wells may include a well servicing unit, cement trucks, transport trucks, fluid storage tanks, fluid circulation pits and equipment trailers. XTO and its contractors shall make every effort to contain all fluids and minimize contamination to the ground. All remaining fluids shall be transported off lease and disposed of at a commercial facility.

XTO Energy will provide a plugging procedure to the Superintendent of Aztec Ruins National Monument for his/her review prior to the time of abandonment. Plugging operations will commence only after XTO receives notification that the procedure conforms to NPS plugging standards and is in compliance with the approved plan of operations.

A visible abandonment marker will not be set. In place of a visible abandonment marker, the casing(s) will be cut a minimum of 18 inches below final restored ground level. The well bore will be covered with a metal plate at least ¼ inch thick and welded in place with a weep hole in the metal plate. The well's API and State of New Mexico permit numbers will be permanently attached or stamped to the plate. The hole will then be filled to grade.

All surface production equipment shall be removed from the site upon completion of the plugging operations.

While actual plugging costs depend on a variety of circumstances that can change due to downhole conditions and the existing market conditions for contract services, we would estimate that the cost to abandon the wellbore and remove the surface equipment to be approximately \$24,000.

Actual well plugging requirements shall be determined by the NMOCD and Park Service prior to the time of abandonment. Current plugging guidelines for these wells require an operator to spot a 50 foot balanced cement plug above the top of the Blanco Mesa Verde at +/- 4350', a 50 foot plug on top of the Pictured Cliffs at +/- 2150', a 100 foot plug inside and outside the surface casing shoe and a 50 foot plug at surface. This plugging program is intended to isolate each of the existing zones by placing the plugs on top of the opened or perforated horizons and to protect the base of the groundwater by setting plugs at the surface casing

shoe and finally to protect any shallow groundwater by setting a plug at the surface of the hole.

VIII. RECLAMATION

XTO's goals for final reclamation of the well sites and access roads would be to return the disturbed surface to a state similar to the original productive value and appearance of the land. Our proposal would include consultation with park Service and BLM personnel to seek a recommendation for desired plant community with a goal of significant vegetative growth over the disturbed area within two to three growing seasons. A seed mixture consisting of desired and native plant species shall be utilized to enhance and promote soil stabilization to minimize erosion and promote internal drainage. At no time would XTO propose any activity that would compromise the sensitive cultural resources of the park to achieve any other reclamation effort.

In addition to the completion of plugging operations, removal of equipment not necessary to production and collection of all debris, XTO would attempt to restore the land to the original contour as near as practical.

XTO Energy Inc. will provide a final reclamation procedure to the Superintendent of Aztec Ruins National Monument for his/her review prior to the time of abandonment. Reclamation activities not already finalized in Section VIII – Reclamation of the plan will commence only after XTO receives the Superintendent's notification that the procedure conforms to NPS reclamation goals and is in compliance with the approved plan of operations.

In order to establish the desired plant community soil would have to be contoured or prepared to minimize wind and rain erosion. The rehabilitated area must be scarified or raked to accept seeds for germination. Recontouring would involve tractor and blade equipment to restore cut and fill material from the original location construction and match surrounding contours. Any type of restoration would be at the recommendation of a contract archaeologist and the Park Service and provided that the dirt work did not conflict with the sensitive nature of the existing and unknown cultural resources. As necessary, a contract archaeologist would be available to monitor the restoration process.

The estimated cost of reclamation can vary widely depending upon the extent of the desired restoration. In the event that a dirt contractor could restore the location to its original contour without damaging any cultural resources, and perform soil stabilization and reseedling, a reasonable cost estimate to reclaim the currently disturbed area could approach \$5,000. In the event that the Park Service would require XTO to only prepare the disturbed area for reseedling without significant recontouring the cost would be approximately \$2,500.

Where soils and vegetation are disturbed, reclamation measures will be taken, if applicable. These measures include returning the land to as near its natural form as possible and reseeding with mixtures of grass, legumes, and forbs to maintain vegetative cover and prevent erosion. We would estimate a goal of 20% - 30% total vegetative cover of the native plant community to achieve a nearly natural form. These range improvements would include the application of the following species: Galleta (*Hilaria jamesii* (Torr.) Benth.) and alkali sacaton. Broom snakeweed (*Gutierrezia sarothrae* (Pursh) Britt. & Rusby). Indian rice grass, prairie three-awn, four-winged saltbrush.

XTO Energy will assure a low cover of exotics during reclamation.

A detailed plan of disturbance reclamation shall be discussed with the BLM and NPS to identify specific needs prior to the time of reclamation activities. XTO would propose to monitor plant growth during the first year of reclamation and would comply with reasonable suggestions for additional reseeding in the event of unusual climate conditions.

IX. RELATIONSHIP TO PARK PLANNING DOCUMENTS

XTO Energy's Plan of Operation discussed how our Plan of Operation relates to NPS oil and gas planning document which integrates operational measures to achieve park management objectives and establishes guidelines to conserve natural, cultural, visitor, park and wildlife resources to leave them unimpaired for the enjoyment of future generations.

The NPS General Management Plan objectives are to:

- Preserve, protect and interpret the ancient Pueblo structures.
- Promote the protection, preservation and stewardship of the cultural and natural resources of Aztec Ruins National Monument.
- Assist people in making personal connections to the multi-faceted stories related to Aztec Ruins National Monument.
- Foster awareness of the dynamic and diverse cultural values held by American Indians connected to Aztec Ruins.
- Promote the understanding and appreciation of Aztec Ruins within the cultural and historic context of the four corners region through means such as onsite interpretation, educational partnerships, research opportunities, and outreach.

Affidavit of Compliance

XTO Energy, as operator of the Fee #4-A and Fe #9-Y leases located within the boundary of the Aztec Ruins National Monument, certifies that to the best of our knowledge and belief, all operations are in compliance with all Federal, State and Local laws and regulations.

Del Craddock
Vice President, San Juan Basin Division
XTO Energy

Date

Affidavit of Compliance

XTO Energy, as operator of the Fee # 4-A and Fe #9-Y leases located within the boundary of the Aztec Ruins National Monument, certifies that to the best of our knowledge and belief, all operations are in compliance with all Federal, State and Local laws and regulations.

Del Craddock

9-8-04

Del Craddock
Vice President, San Juan Basin Division
XTO Energy

Date

Exhibit A

96157	0 CAROLYN F METZLER PO BOX 21268 ALBUQUERQUE, NM 87154-0000	0.00071875 O	O
96169	0 FORD C & ELSIE P WEBB LIV TR 22A ROAD 5433 FARMINGTON, NM 87401-0000	0.000773208 R	O
179662	0 WPC OIL & GAS LP 8333 DOUGLAS AVE STE 950 DALLAS, TX 75225-5811	0.36125 W	O
571628	0 LOUIS M CUMMINS P O BOX 1495 DURANGO, CO 81302-1495	0.002125003 O	O
68980	0 CLAUDIO F & ELSIE CHAVEZ 299 E AZTEC BLVD AZTEC, NM 87410-1946	0.00014351 R	O
95791	0 JERRY FRANK RANDACK III 304 NORTH YALE BLVD RICHARDSON, TX 75081-3927	0.001660938 R	O
910315	0 D L AND LUCILLE GREER JOINT TENANTS 444 S HIGLEY RD #122 MESA, AZ 85206-2152	0.001356128 R	O
95813	0 M J FLORANCE TRUST PO BOX 226270 DALLAS, TX 75222-6270	0.005286431 R	O
95855	0 JOE D & JANE FORD 1615 N MTN VIEW DR BAYFIELD, CO 81122-0000	0.004414879 R	O
95856	0 NM STATE HWY & TRANSP DEPT PO BOX 1149 ROOM 129 SANTA FE, NM 87504-1149	0.000071438 R	O
95947	0 JAMES C TOWNSEND JR 16342 US 550 AZTEC, NM 87410-0000	0.00838327 R	O
95951	0 SANDRA L TOWNSEND PO BOX 1292 AZTEC, NM 87410-0000	0.002095811 R	O
95952	0 CHARLISS ANN JONES PO BOX 1407 AZTEC, NM 87410-0000	0.00209582 R	O

MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-10
Superseded
Effective 1

All distances must be from the outer boundaries of the Section.

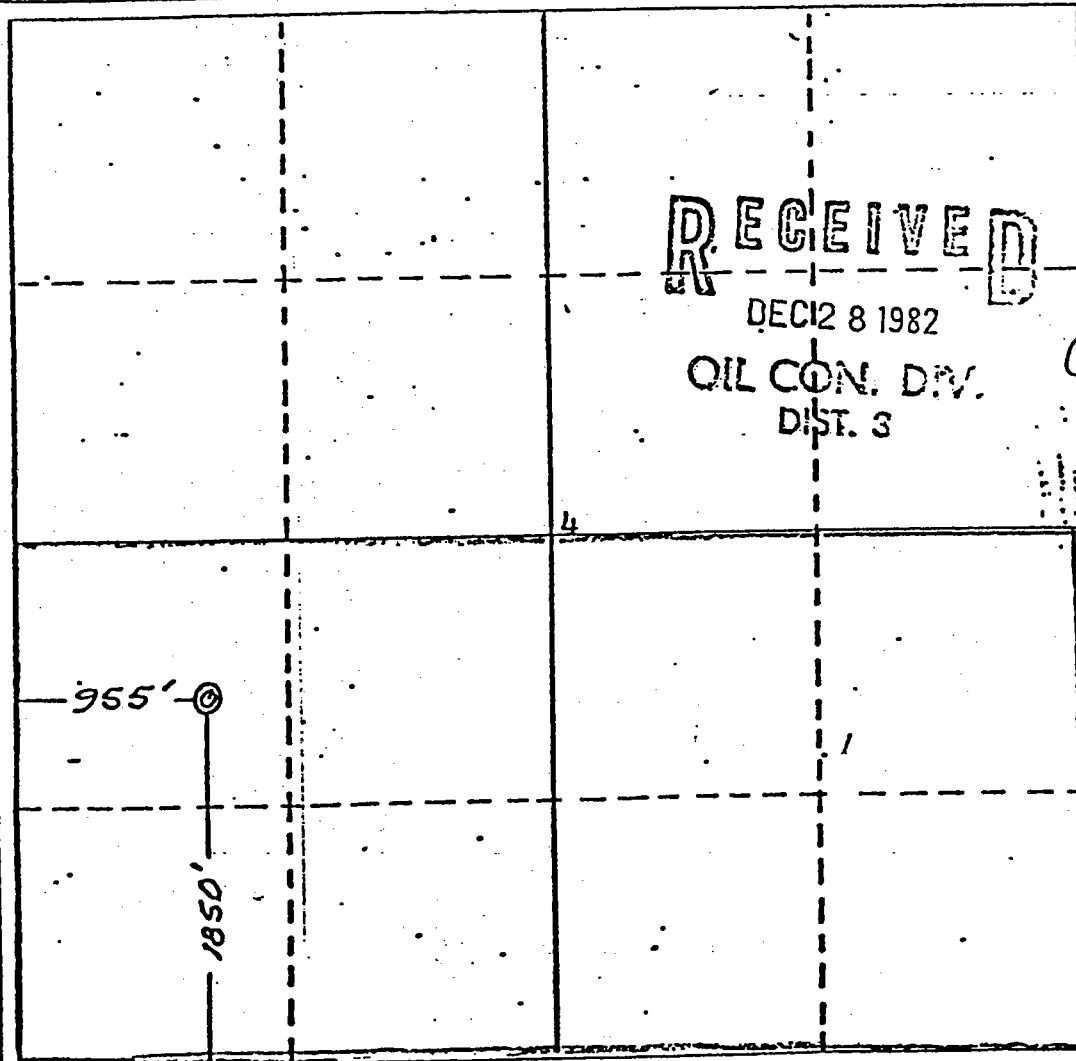
Operator C & E OPERATORS, INC.			Lease FEE		Well No. 44A
Unit Letter L	Section 4	Township 30 NORTH	Range 11 WEST	County SAN JUAN	
Actual Footage Location of Well:					
1850 feet from the SOUTH line and		955 feet from the WEST line			
Ground Level Elev. 5758	Producing Formation Mesavarde	Pool Blanco	Dedicated Acreage 5.320		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to well interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitized SCR-45 12/15/79

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name John M. Helms
Position Consultant
Company C. & E. Operators, Inc.
Date Dec. 28, 1982

I hereby certify that the information shown on this plat was plotted from notes of actual survey made by me under supervision, and that the same is true and correct to the best of my knowledge and belief.

STATE OF NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER & LAND SURVEYOR
JAMES P. LEESE

Date Surveyed
20 July 1982

Registered Professional Engineer and/or Land Surveyor
James P. Leese

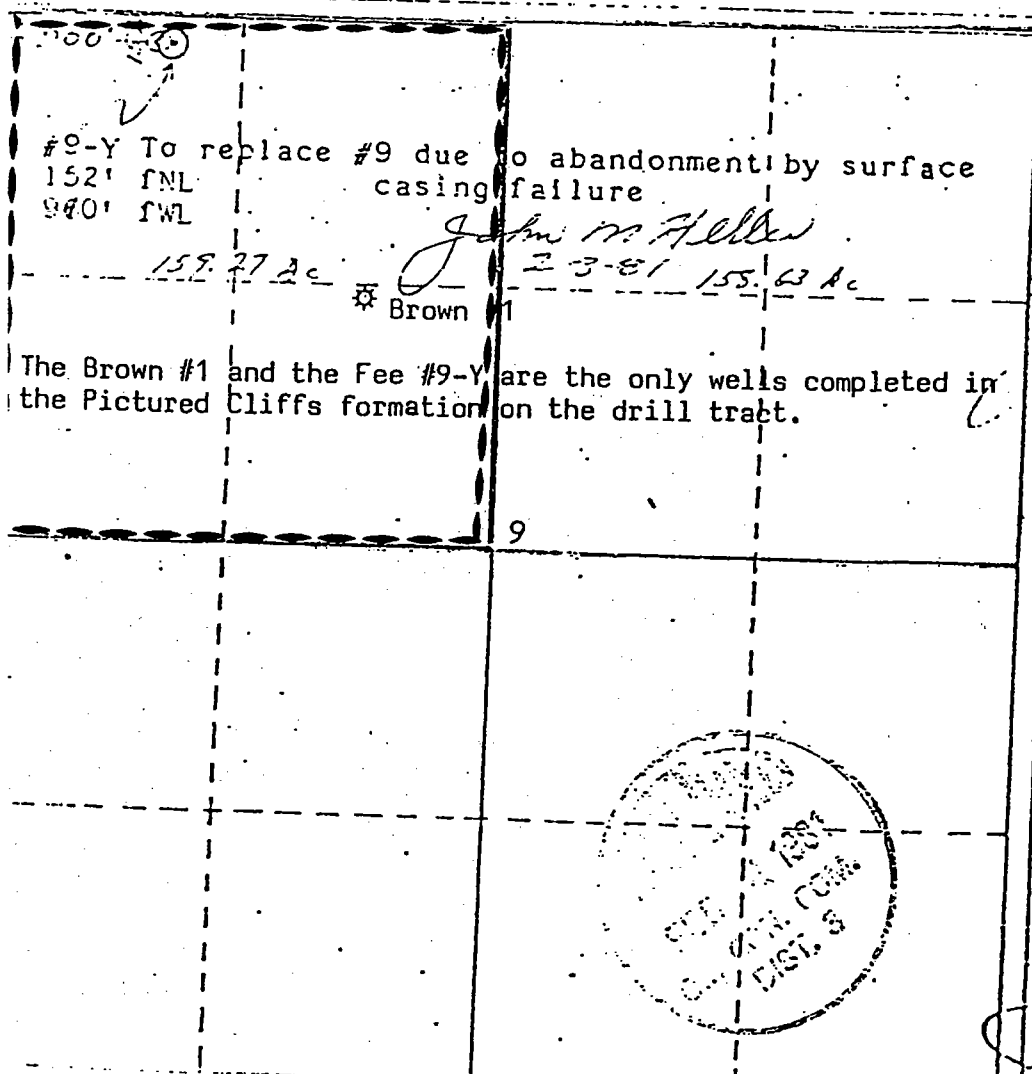
Certificate No.

C&E OPERATORS, INC.			FEE		Well No. 9-Y
Section 9	Township 30 NORTH	Range 11 WEST	County SAN JUAN		
152 feet from the NORTH line and	940 feet from the WEST line	Dedicated Acres: 317.9			
Producing Formation: Pictured Cliffs		Pool: Blanco NW		152-27-60	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation Force Pooling
 If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

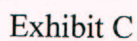
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name John M. Heller
 Position Consultant
 Company C&E Operators
 Date Nov. 24, 1980



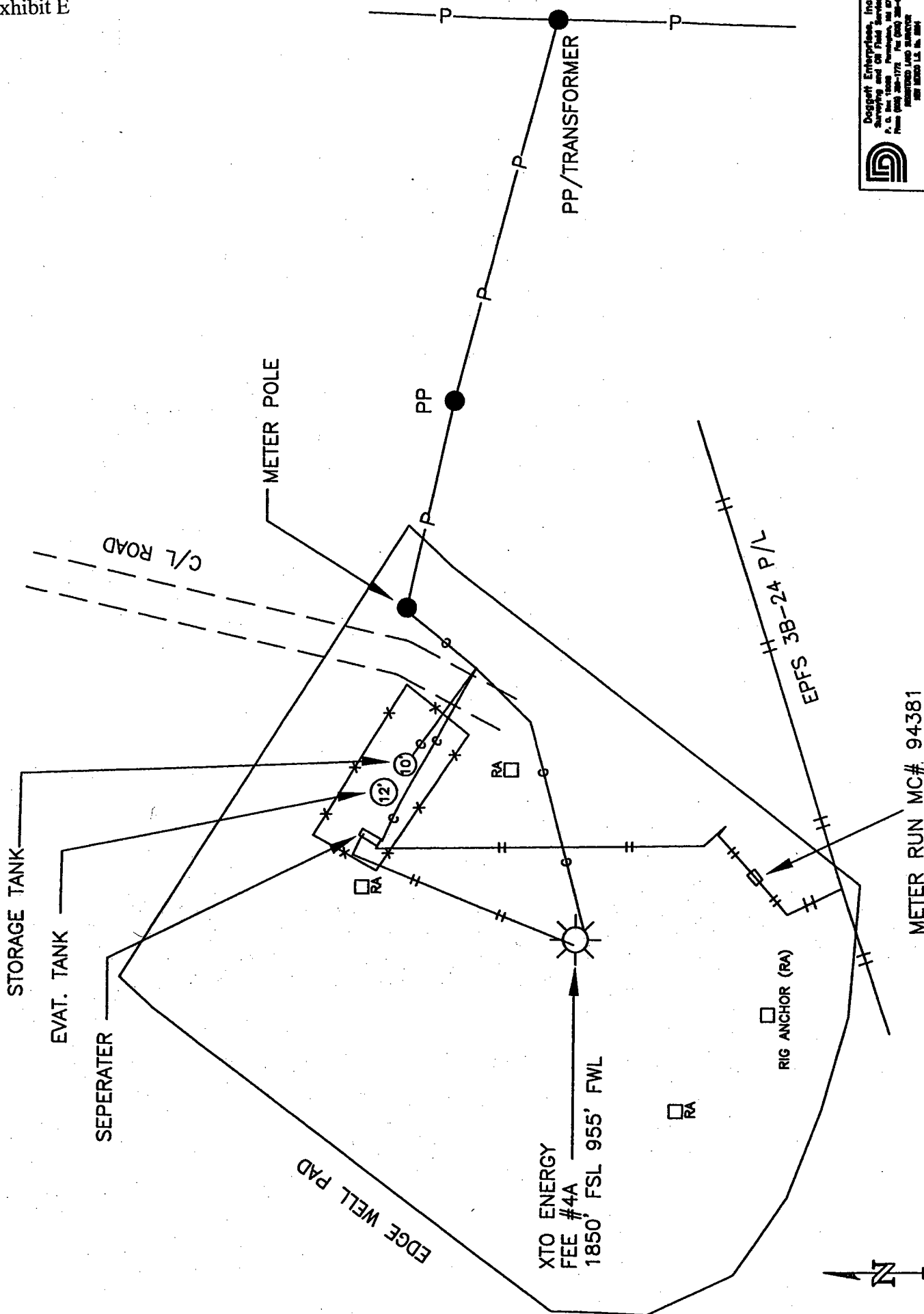
Date Submitted October 23, 1980


Registered Professional Engineer
 and/or Land Surveyor
James P. Loese
 Certificate No.



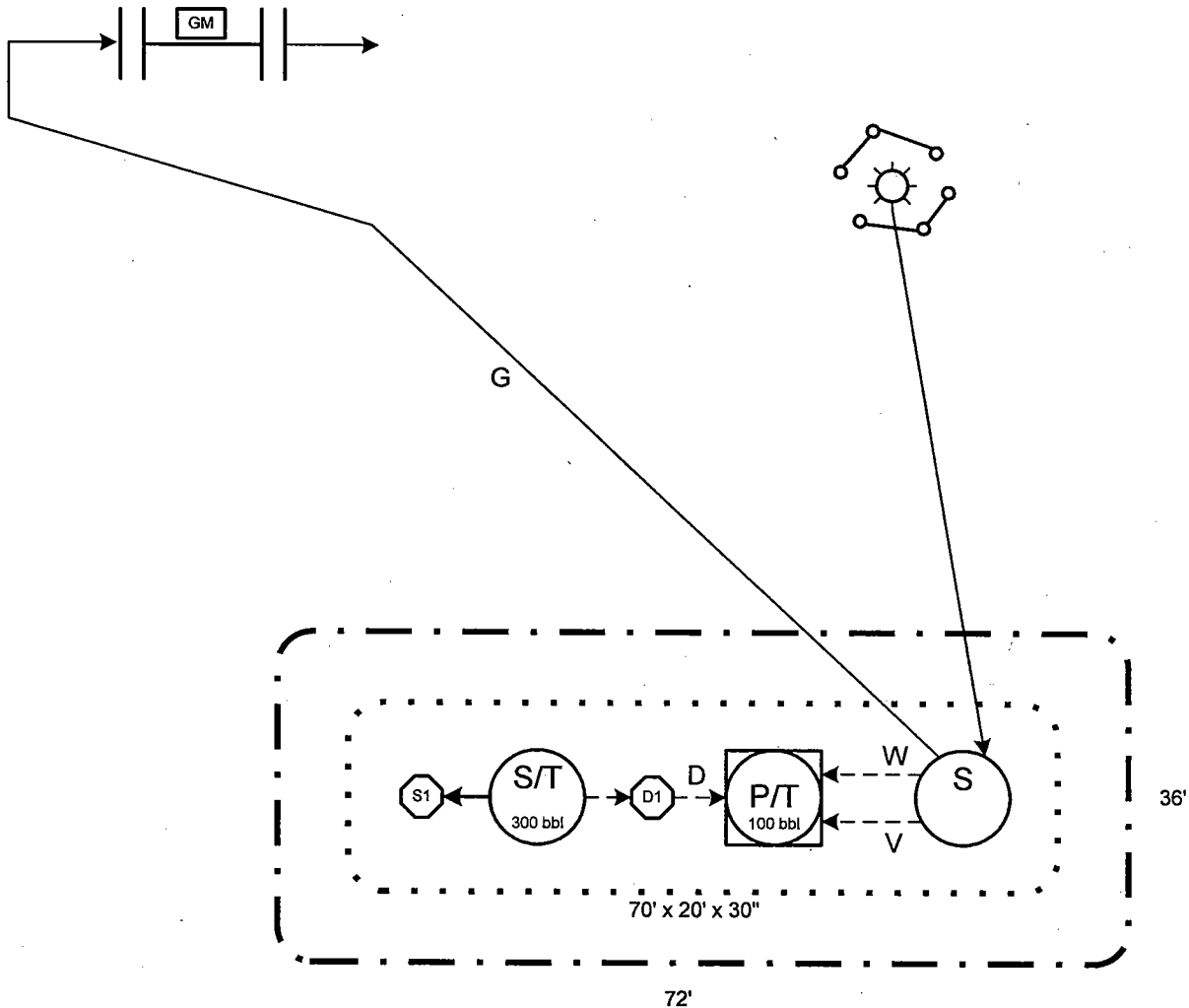


Fee 4A Road B



 <p>Doggett Enterprises, Inc. Surveying and Oil Field Services P.O. Box 1000, Houston, Texas 77255 Phone (713) 284-1773 Fax (713) 284-9910 REGISTERED LAND SURVEYOR SINCE 1920 U.S. No. 2864</p>	<p>SITE SURVEY FOR XTO ENERGY FEE #4A</p>
	<p>DATE: 4-7-2014, 8-11-14, 10-10-14, 10-10-14, 10-10-14, 10-10-14</p>

XTO ENERGY INC
Fee #4A
NW/4 SW/4, Unit L, Sec 4, T30N, R11W
API #: 30-045-25543



General sealing of valves, sales by tank gauging.

Production phase: Drain valve D1 and sales valve S1 sealed closed.

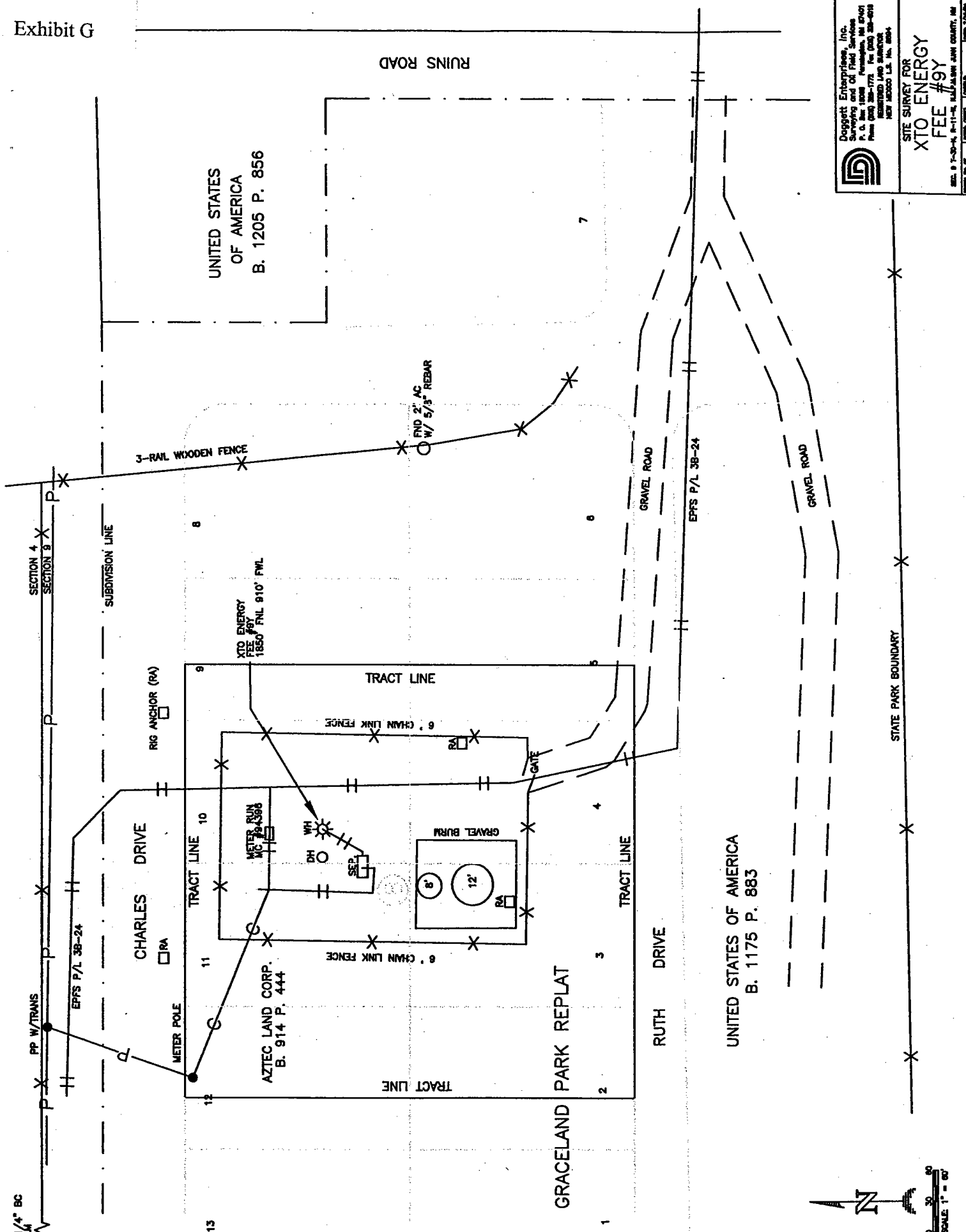
Sales phase: Drain valve D1 sealed closed. Sales valve S1 open.

Draining phase: Drain valve D1 open. Sales valve S1 sealed closed.

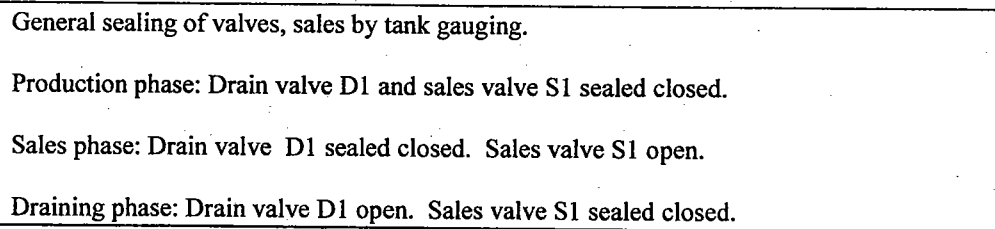
This lease is subject to the site security plan for San Juan Basin Area.
The plan is located at: XTO Energy Inc
2700 Farmington Ave., Bldg. K, Ste. 1
Farmington, NM 87401
7/28/04



Fee 9Y Location

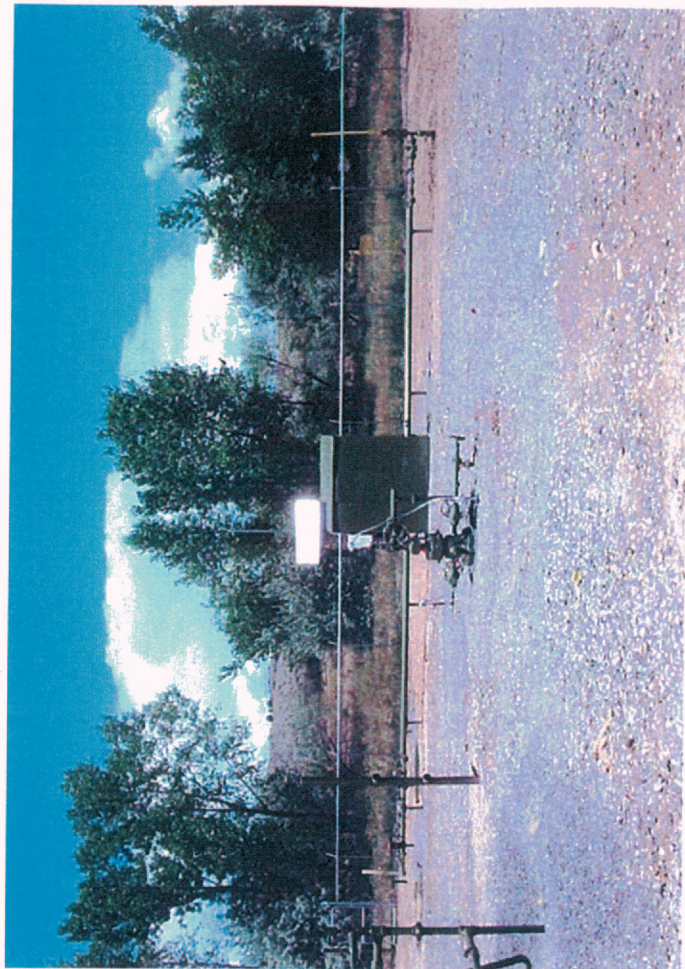


Duggott Enterprises, Inc.
Surveying and Oil Field Services
P.O. Box 10344 Fort Worth, TX 76101
Phone (817) 332-7777 Fax (817) 332-4010
Toll Free 1-800-451-8823
NEW MEXICO L.S. No. 19834



This lease is subject to the site security plan for San Juan Basin Area.
The plan is located at: XTO Energy Inc
2700 Farmington Ave., Bldg. K, Ste. 1
Farmington, NM 87401
7/28/04





XTO
ENERGY

505-632-5200

FEE #9Y

LATITUDE 36° 50'00.3"

LONGITUDE 108° 00'06.9"

1850' FNL 910' FWL

D SEC. 9 T30N R11W

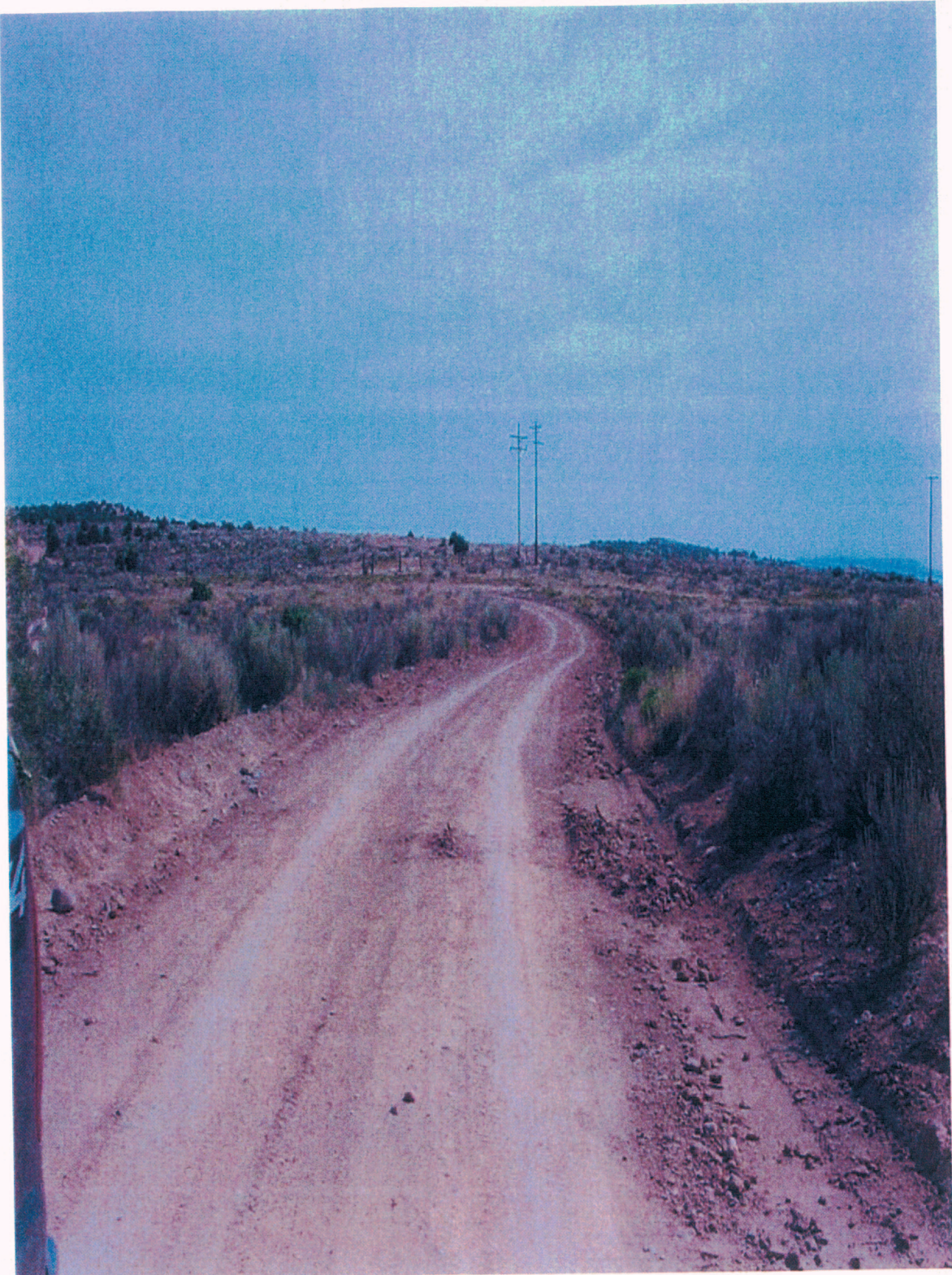
LEASE # FEE GL5629

API NO. 30-045-24840

SAN JUAN COUNTY, NEW MEXICO



Fee 4A Road



Fee 4A Road E



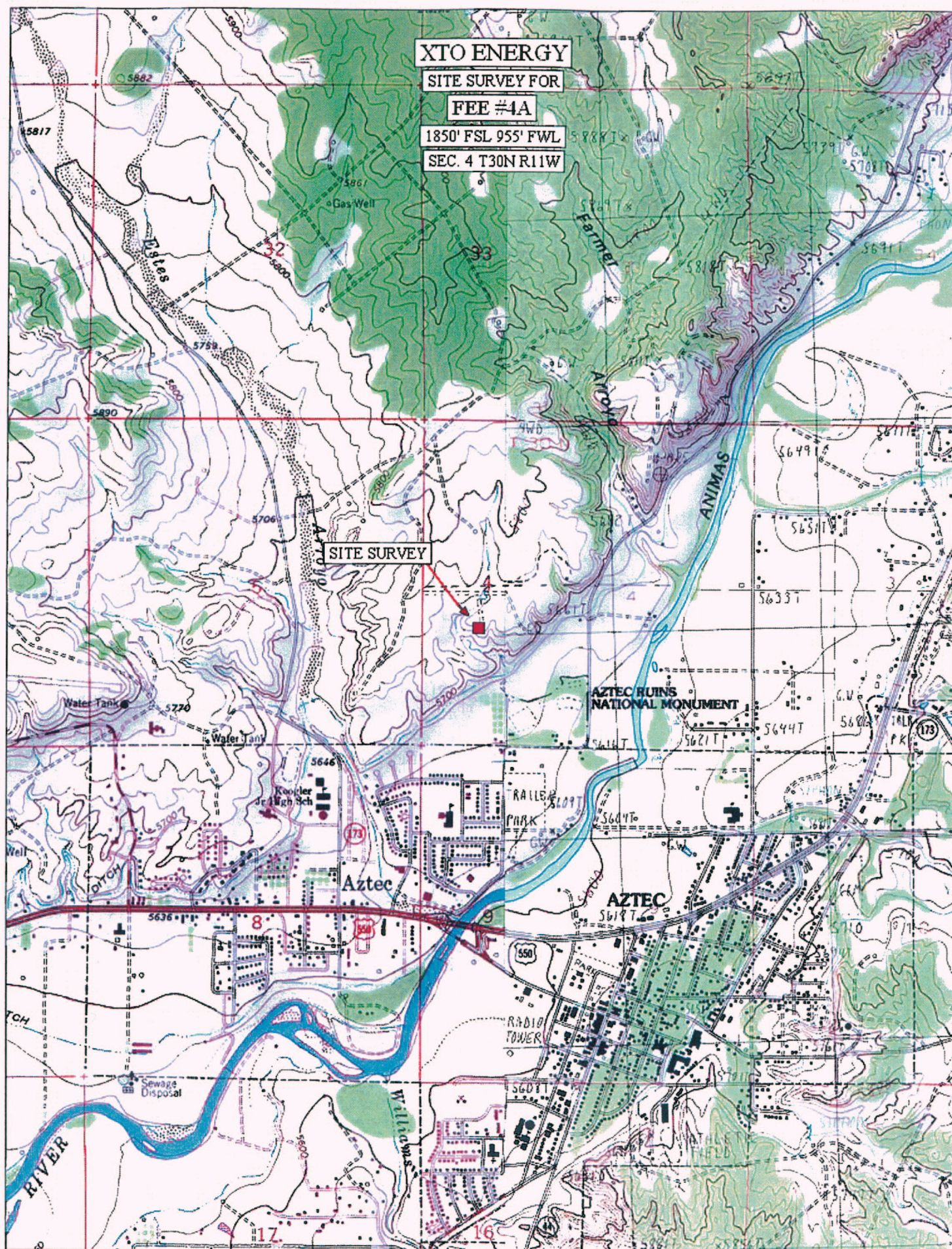
Fee 4A Road D

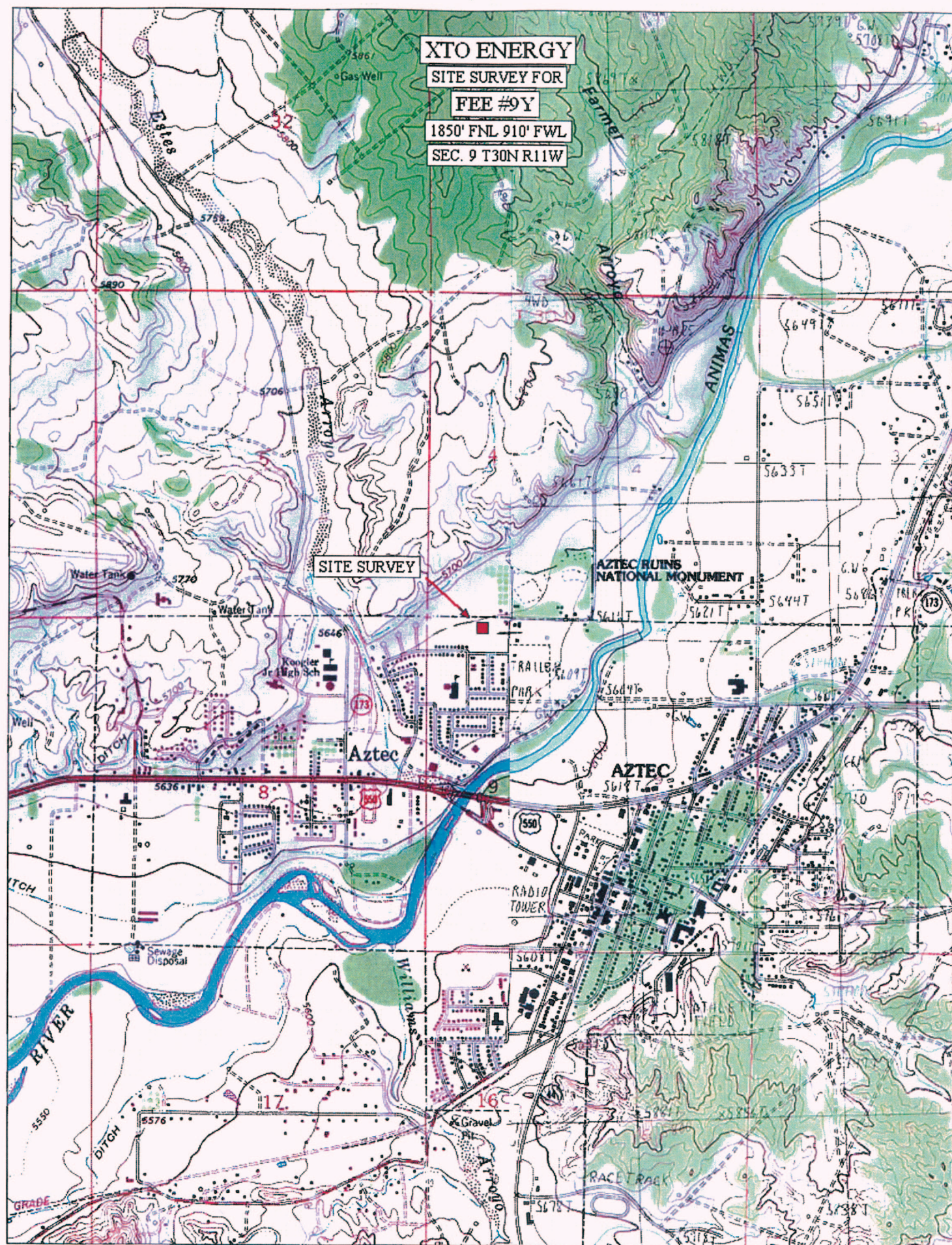


Fee 9Y Road A



Fee 9Y Road A





XTO ENERGY INC. – SPCC GENERAL INFORMATION

Containment or diversionary structures or equipment to prevent oil from reaching surface waters are practicable. The 50 X 34 X 2' berm at the Fee #9Y and the 70 X 20 X 2.5' berm at the Fee #4A have sufficient capacity to contain the total volume of the largest vessel plus freeboard.

Inspections and Records

The facility is inspected regularly by the lease operator. During the site visits all equipment is visually inspected for any signs of leaks and/or equipment malfunction. Production is metered daily and compared to normal production levels and any changes will be reported and investigated. Any abnormal conditions are reported to the production foreman, logged on the gauge sheet, and corrected. The facility is inspected annually by the production superintendent or his designee at least annually with written reports filed and retained for five years. Any facility damage, corrosion, or spills are immediately reported to the production foreman, corrective actions are taken, and a written report with recommendations to prevent reoccurrence is filed.

Personnel Training and Prevention Procedures

Appropriate personnel are properly instructed in operation and maintenance of equipment to prevent discharge of contaminants, and applicable pollution control, and SPCC regulations. Operators are trained in proper operation, maintenance of equipment, good housekeeping, site security, and leak prevention. Field personnel have been briefed about their responsibilities pertaining to this plan.

The SPCC Plan and Response Procedures will be reviewed annually and corrected if any sections prove to be deficient.

Spill prevention will be an ongoing topic at monthly safety meetings.

New employees will be instructed as to their responsibilities and trained as soon as possible.

**XTO ENERGY INC.
SPCC - EMERGENCY RESPONSE PLAN
SAN JUAN DISTRICT**

SPILL RESPONSE AND REPORTING PROCEDURES

1. Any spill - oil, produced water, or condensate shall be reported on the daily gage report and an Incident Report Form shall be filed out and given to the supervisor within 24 hours.
2. Spill completely contained within the facility.
 - A. Take immediate action to eliminate the source of the leak and to contain the fluid with earthen berms, sorbents, or any other suitable means.
 - B. Notify the Production Foreman or Superintendent as soon as possible. The Superintendent will contact the necessary management and regulatory authorities.
 - C. Clean up the spill promptly utilizing vacuum trucks, company employees, roustabout crews and others as directed by the Production Foreman or Superintendent.
 - D. Do not shut in the facility unless there is a danger of fire or the spill cannot be stopped soon enough to prevent it from going outside the dike.
3. Spills that get outside a dike or spills at facilities without dikes:
 - A. Take immediate action to prevent additional spillage:
 1. Shut-in wells if necessary to stop the flow.
 2. Isolate and bypass a rupture or leak if possible.
 3. Shut-in the entire lease only if necessary.
 - B. Notify the Production Foreman or Superintendent as soon as possible. The Superintendent will contact the necessary management and regulatory authorities. If you are unable to contact them, call as per the attached list.
 1. If none of the above are available, contact the company EH&S representative.
 2. Concentrate on controlling the spill. Do not give any details to neighborhood, press or other persons without specific authorization. The Vice President-Operations will coordinate dispersal of the necessary information with the press, etc.
 - C. Commence cleaning up the spill immediately.
 1. If free fluid can be picked up with a vacuum truck(s), call out sufficient number of trucks to collect the free fluid.
 2. For spill cleanup, containment and remediation, call service companies in the area.

3. The Production Foreman and/or Superintendent will contact other company employees and/or roustabout crews to assist in the clean up.
- D. If the spill is caused by a break or rupture in a pipeline (initial report may be by either an outside service company employee or company agent).
1. Do not use the line until repairs are completed.
 2. Notify the Production Foreman and/or Superintendent immediately.
 3. Do not give any information to the press or public without prior authorization. The Vice President-Operations will coordinate notification of the public, etc.

SPILL REPORTING CONTACT NUMBERS

XTO Personnel Contacts

Terry Matthews – Division Production Superintendent: 505-564-5527 (pager)
505-324-1090 (office)
Kevin Harris – Area Production Superintendent: 505-324-1090 (office)
J.L. Devine – Production Foreman: 505-324-1090 (office)
Jeff Clements – Environmental, Health, & Safety Coordinator: 505-324-1090 (office)
505-215-0533 (mobile)

Agency Contacts

National Response Center: 1-800 424-8802
EPA Region 6: 1-800-887-6063
EPA Oil Spill Reporting Information Line: 1-800-424-9346
New Mexico Environment Department: 505-827-1494
Local Emergency Planning Committee (LEPC): Mr. Don Cooper, Emergency
Coordinator – Aztec, NM: 505-334-1180

Contractors

Triple S. Trucking Co. (vacuum trucks): 505-334-6193
High Desert Industrial (berm construction): 505-326-2690
Kelco Inc. (berm construction): 505-325-6372
Blagg Engineering (soil sampling, ground water monitoring): 505-632-1199

XTO ENERGY INC.
SPCC – DAILY INSPECTION CRITERIA

Inspect integrity of secondary containment areas.
(any damage, weeds, abnormal liquid accumulation)

Inspect base of tanks for signs of bottom leaks.

Check soils around tanks for the presence of any release

Inspect the wellhead, piping, valves, tanks, and vessels
for signs of leakage and maintenance needs.

Inspect tanks for the presence of excess external corrosion
which may lead to tank failure.

Check the location for the presence of any sheen.

Walk flowline and inspect for the presence of any leak

Quality of general housekeeping

**XTO ENERGY INC. – SPCC
GENERAL SPILL REPORTING INFORMATION**

When reporting any spill or release the following minimum information should be available, but emergency reporting must not be delayed to lack of information:

- 1) The person reporting, name and telephone number of the individual's company.
- 2) The location and lease of the spill or release
- 3) Time and date the spill or release occurred
- 4) Type of material discharged
- 5) Volume of discharge
- 6) Known cause of the release
- 7) All corrective actions taken
- 8) Recovered volumes
- 9) Potential hazards, if any
- 10) Personal injuries, if any
- 11) Stream of waterbody effected if spill impacted any surface water.
- 12) Description of the affected medium (soil, pasture, water, etc.)
- 13) The names of any other agencies who may have been contacted.

XTO ENERGY INC. – SPCC PLAN
DRAINAGE OF RAINWATER FROM CONTAINMENT STRUCTURES

Procedure for Draining Water:

- 1) Drains must be locked in the clothes position when not in use.
- 2) Prior to draining the containment, the water must be inspected for the absence of a sheen and tested for chlorides. Chlorides must be shown to be below 250 ppm.
- 3) If chlorides exceed 250 ppm, a vacuum truck must be used to haul away fluids for disposal.
- 4) Record draining event on log sheet below
- 5) The drain must be closed and relocked. Maintain record of this for three years.

Date of Drainage

Date of Inspection (Chlorides):

Time Valve Opened

Time Valve Closed

Supervisor Signature

ANNUAL SUPERVISORS INSPECTION – SPILL PREVENTION

LEASE/WELL NAME AND NUMBER: _____ DATE: _____

COUNTY: _____ STATE: _____

- I. Tank Battery
 - 1. Foundations and Support _____
 - 2. Serviceability & General Conditions _____
 - 3. Vent Valves & Hatches _____
 - 4. Load Line Security _____
 - 5. Lines, Valves, & Fittings _____

- II. Production Equipment
 - 1. Serviceability and Condition of Vessels _____
 - 2. Regulators, Lines, & Fittings _____
 - 3. Maintenance _____
 - 4. Flow Lines, Valves, & Fittings _____

- III. Wellheads
 - 1. Flowlines and Fittings _____
 - 2. Liquid Accumulations _____

- IV. Locations
 - 1. Secondary Containment
 - A. Condition _____
 - B. Liquid Accumulations _____
 - 2. Perimeter Liquid Accumulations _____
 - 3. Liquid Accumulations _____
 - 4. General Housekeeping _____
 - 5. Road, Cattle Guards, etc. _____
 - 6. Signage, Safety _____

Remarks: _____

Discharges Last Period: _____

Modifications Needed: _____

Authorization: _____

Approved: _____ Not Approved: _____

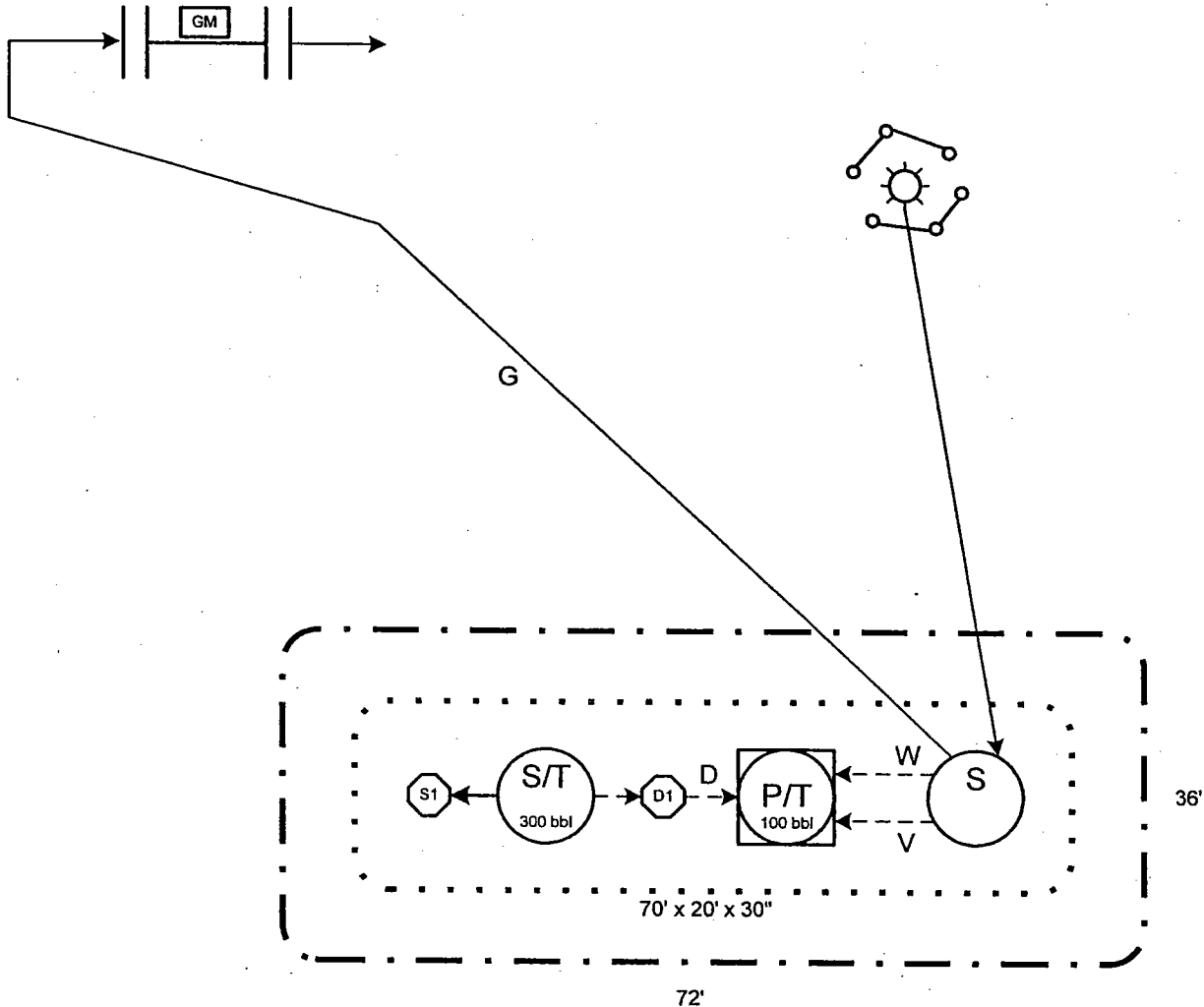
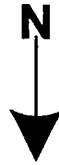
Remarks: _____

Modifications Done: _____

Approved: _____ By: _____

Name of Facility: Fee #4A and Fee #9Y in Aztec Ruins National Monument

XTO ENERGY INC
Fee #4A
NW/4 SW/4, Unit L, Sec 4, T30N, R11W
API #: 30-045-25543



General sealing of valves, sales by tank gauging.

Production phase: Drain valve D1 and sales valve S1 sealed closed.

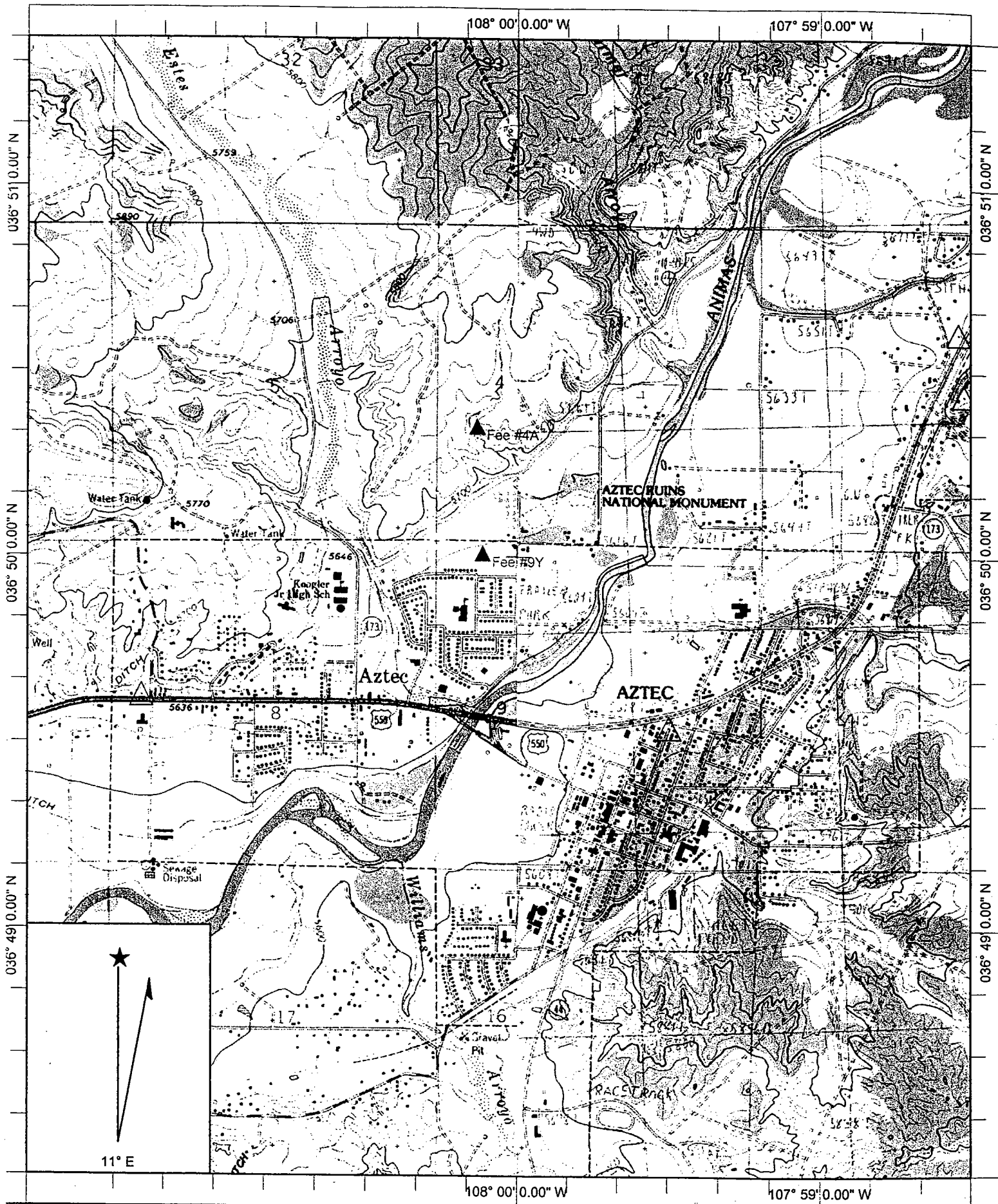
Sales phase: Drain valve D1 sealed closed. Sales valve S1 open.

Draining phase: Drain valve D1 open. Sales valve S1 sealed closed.

This lease is subject to the site security plan for San Juan Basin Area.

The plan is located at: XTO Energy Inc
2700 Farmington Ave., Bldg. K, Ste. 1
Farmington, NM 87401

7/28/04



Name: FLORA VISTA
 Date: 6/23/2004
 Scale: 1 inch equals 2000 feet

Location: 036° 49' 52.3" N 108° 00' 03.8" W
 Caption: XTO Wells - Aztec Ruins National Monument

NAME OF FACILITY: Fee #4A
NAME OF OPERATOR: XTO Energy Inc.

SPILL PREVENTION, CONTROL, & COUNTERMEASURE PLAN

PART I
GENERAL INFORMATION

1. Name of Facility:	Fee #4A
2. Type of Facility:	Onshore Production Facility
3. Location of Facility:	1/2 mile North of Aztec, New Mexico
4. Name and address of operator:	Name: XTO Energy Inc. Address: 810 Houston Street Fort Worth, TX 76102
5. Designated person accountable for oil spill prevention at facility:	Name and title: J.L. Divine - Production Foreman
6. Facility experienced a reportable oil spill event during the twelve months prior to Jan. 10, 1974 (effective date of 40 CFR, Part 112). If YES, complete Attachment #1).	No

MANAGEMENT APPROVAL

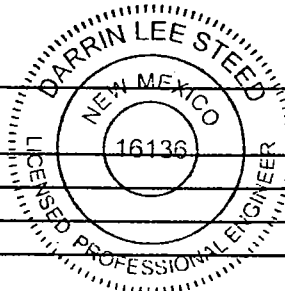
This SPCC Plan will be implemented as herein described.

Signature:	<i>Del Craddock</i> 7-29-04
Name:	Del Craddock
Title:	Vice President of Operations - San Juan District

CERTIFICATION

I hereby certify that I have examined the facility, and being familiar with the provisions of 40 CFR, Part 112, attest that this SPCC Plan has been prepared in accordance with good engineering practices.

Name of facility:	Fee #4A
Operator:	XTO Energy Inc.
Printed Name of Registered Professional Engineer:	Darrin Steed
Signature of Registered Professional Engineer:	<i>Darrin Steed</i>
Date:	7-28-04
Registration No.:	16136
State:	New Mexico



NAME OF FACILITY: _____ Fee #4A
NAME OF OPERATOR: _____ XTO Energy Inc.

7. Potential Spills - Prediction & Control:

Source*	Major Type of Failure	Total Quantity (bbls)	Rate (bbls/hr)	Direction of Flow**	Secondary Containment
Wellhead	Leak	<2	<1	South-Southeast	NO
Flowline	Leak	Variable	5.63	South-Southeast	NO
Pit Tank (skim oil)	Rupture, Leak	100	15	Into pit hole	Earthen dike
Stock Tank	Rupture, Leak	300	45	South-Southeast	Earthen dike

*Source (EXAMPLE): Wellhead, Flowline, Tank, Separator ...

**Attach map if appropriate.

Discussion:	In the event of a spill, it would most likely migrate South - Southeast to a tributary to the Animas River.

Response to statements should be: YES, NO, or NA (Not Applicable).

8. Containment or diversionary structures or equipment to prevent oil from reaching navigable water are practicable. (If NO, complete Attachment #2).	YES
9. A. The required inspections follow written procedures.	YES
B. The written procedures and a record of inspections, signed by the appropriate supervisor or inspector, are attached.	YES

Discussion: Inspection of equipment is a part of the regularly assigned regular duties of all operating personnel. The equipment is checked for leaks and the dike checked for evidence of a spill. In addition, an annual inspection will be conducted by operations personnel, documented, and a copy of the record maintained for three years.

10. Personnel Training and Spill Prevention Procedures

A. Personnel are properly instructed in the following:

(1) operation and maintenance of equipment to prevent oil discharges, and	YES
(2) applicable pollution control laws, rules, and regulations.	YES

Describe procedures employed for instruction: New Employees are given on the job training by experienced personnel and are evaluated by the production supervisor prior to being allowed to work by themselves. Duties and responsibilities for spill prevention and equipment maintenance are part of this training. Duties for spill containment and clean-up are written in the Region Emergency Response Plan and are periodically reviewed with employees as part of the training outlined below.

B. Scheduled prevention briefings for the operating personnel are conducted frequently enough to assure adequate understanding of the SPCC Plan. YES

Describe briefing program: Briefings are held periodically as part of regularly scheduled safety meetings or as necessitated by operations. Topics discussed at meetings include: SPCC rules and regulations, inspection requirements, prevention and clean-up methods, and emergency response procedures.

NAME OF FACILITY:
NAME OF OPERATOR:

Fee #4A
XTO Energy Inc.

**PART II, ALTERNATE B
DESIGN AND OPERATING INFORMATION
ONSHORE OIL PRODUCTION FACILITY**

Response to statements should be: YES, NO, or NA (Not Applicable).

A. Facility Drainage

- 1. Drainage from diked storage areas is controlled as follows (including operating description of valves, pumps, ejectors, etc):**

Fluid is removed by vacuum trucks. Valves must be closed and locked when not draining fluids. Un-contaminated fluids maybe drained by means of a pump. Drainage must be supervised and records kept.

- 2. The procedure for supervising the drainage of rain water from secondary containment into a storm drain or an open watercourse is as follows (include description of (a) inspection for pollutants, and (b) method of valving security). (A record of inspection and drainage events is to be maintained on a form similar to Attachment #3):**

Storm water must show no visible oil sheen or be contaminated with produced water or treatment chemicals. Oil sheen must be removed before discharging water and produced water must be disposed in a Class II injection well. Have bypass valves sealed and locked to prevent discharges

- 3. Field drainage ditches, road ditches, and oil traps, sumps, or skimmers, if such exist, are inspected at regularly scheduled intervals for accumulations of oil.**

Yes

B. Bulk Storage Tanks

- 1. Describe tank design, materials or construction, and fail-safe engineering features:**

Tanks are equipped with pressure-vacuum relief hatches or have a purge system installed to prevent collapse.

- 2. Describe secondary containment design, construction materials and volume:**

Dikes are constructed of earthen materials coated with magna chloride containment soil to prevent erosion. The dike at the Fee #4A designed to contain the total contents of the largest tank plus freeboard for rainfall. The dike measures 70' X 20' X 2.5.'

- 3. Describe tank examination methods and procedures:**

Tanks are visually inspected by the lease pumper as part of his normal operations duties. All defective conditions and leaks are reported immediately and repairs made. In addition, inspection of tanks are part of a written documented annual inspection. Records will be maintained for 3 years.

C. Facility Transfer Operations

- 1. Describe scheduled basis for examinations of above-ground valves and pipelines and saltwater disposal facilities:**

Above ground valves, flowlines, and salt water disposal facilities are visually inspected by the lease pumper as part of his normal operations duties.

- 2. Describe flowline maintenance program to prevent spills:**

Flowlines are steel with welded or screwed connections and are designed to withstand pressure in excess of anticipated working pressure. The high pressure flowline has a sensing device that will automatically shut-in the well if abnormal pressures are detected. Corrosion indicators are used dictated by past experience.

D. Oil Drilling and Workover Facilities

- 1. A blowout preventer (BOP) assembly and well control system is installed before drilling below any casing string and, as required during workover operations.**

YES

- 2. The BOP assembly is capable of controlling any expected wellhead pressure.**

YES

- 3. Casing and BOP installations conform to state regulations.**

YES

Fee #4A

XTO Energy Inc.

SPCC PLAN, ATTACHMENT #1
SPILL HISTORY

(Complete this form for any reportable spill(s) which has (have) occurred from this facility during the twelve months prior to January 10, 1974 into the following navigable water body(ies):

[illegible]

NAME OF FACILITY:
NAME OF OPERATOR:

Fee #4A
XTO Energy Inc.

**SPCC PLAN, ATTACHMENT #2
OIL SPILL CONTINGENCY PLANS AND
WRITTEN COMMITMENT OF MANPOWER**

Secondary containment or diversionary structures are impractical for this facility for the following reasons (attach additional pages if necessary):

The stock tanks and underground pit tanks are surrounded by secondary containment as described in section II. It is typically impractical to have Secondary containment for flowlines, wellheads, separators, line heaters, and other production equipment. Flowlines are not diked due to their widespread locations throughout the facility and the pressures at which they operate. Other production equipment is not diked due to the small likelihood of a spill, small volume of the vessel and the operating pressures at which they operate which could cause the spilled material to spray outside of the diked area.

XTO Energy will commit the necessary manpower, equipment, and materials to adequately cleanup and remediate any spills in an expeditious manner. XTO Energy maintains a strong oil spill contingency plan as part of its overall Emergency Response Plan. The names and telephone numbers of XTO Energy and contract personnel to be used in a spill event can be found in the Emergency Response Plan.

A strong oil spill contingency plan is attached:

YES

A written commitment of manpower is attached:

YES

Fee #4A

XTO Energy Inc.

SPCC PLAN, ATTACHMENT #3
ONSHORE FACILITY BULK STORAGE TANKS
DRAINAGE SYSTEM

Inspection Procedure:

Record of drainage, bypassing, inspection, and oil removal from secondary containment:

[illegible]

NAME OF FACILITY: _____ Fee #9Y
 NAME OF OPERATOR: _____ XTO Energy Inc.

SPILL PREVENTION, CONTROL, & COUNTERMEASURE PLAN

**PART I
GENERAL INFORMATION**

1. Name of Facility:	Fee #9Y	
2. Type of Facility:	Onshore Production Facility	
3. Location of Facility:	Adjacent to the North side of Aztec, NM and just SW of Aztec Ruins National Monument	
4. Name and address of operator:	Name:	XTO Energy Inc.
	Address:	810 Houston Street Fort Worth, TX 76102
5. Designated person accountable for oil spill prevention at facility:	Name and title: J.L. Divine - Production Foreman	
6. Facility experienced a reportable oil spill event during the twelve months prior to Jan. 10, 1974 (effective date of 40 CFR, Part 112). If YES, complete Attachment #1).	No	

MANAGEMENT APPROVAL

This SPCC Plan will be implemented as herein described.

Signature: *Del Craddock* 7-29-04
 Name: Del Craddock
 Title: Vice President of Operations - San Juan District

CERTIFICATION

I hereby certify that I have examined the facility, and being familiar with the provisions of 40 CFR, Part 112, attest that this SPCC Plan has been prepared in accordance with good engineering practices.

Name of facility: Fee #9Y
 Operator: XTO Energy Inc.

Printed Name of Registered Professional Engineer: Darrin Steed

Signature of Registered Professional Engineer: *Darrin Steed*

Date: 7-28-04

Registration No.: 16136

State: New Mexico



NAME OF FACILITY:

Fee #9Y

NAME OF OPERATOR:

XTO Energy Inc.

7. Potential Spills - Prediction & Control:

Source*	Major Type of Failure	Total Quantity (bbls)	Rate (bbls/hr)	Direction of Flow**	Secondary Containment
Wellhead	Leak	<2	<1	South	NO
Flowline	Leak	Variable	0.2	South	NO
Water Tank	Rupture/Leak	22	15	South	Earthen dike
Stock Tank	Rupture/Leak	300	30	South	Earthen dike

*Source (EXAMPLE): Wellhead, Flowline, Tank, Separator ...

**Attach map if appropriate.

Discussion:	In the event of a spill, it would most likely migrate South to the Animas River.

Response to statements should be: YES, NO, or NA (Not Applicable).

8. Containment or diversionary structures or equipment to prevent oil from reaching navigable water are practicable. (If NO, complete Attachment #2).

YES

9. A. The required inspections follow written procedures.

YES

B. The written procedures and a record of inspections, signed by the appropriate supervisor or inspector, are attached.

YES

Discussion: Inspection of equipment is a part of the regularly assigned daily duties of all operating personnel. The equipment is checked for leaks and the dike checked for evidence of a spill. In addition, an annual inspection will be conducted by operations personnel, documented, and a copy of the record maintained for three years.

10. Personnel Training and Spill Prevention Procedures

A. Personnel are properly instructed in the following:

(1) operation and maintenance of equipment to prevent oil discharges, and

YES

(2) applicable pollution control laws, rules, and regulations.

YES

Describe procedures employed for instruction: New Employees are given on the job training by experienced personnel and are evaluated by the production supervisor prior to being allowed to work by themselves. Duties and responsibilities for spill prevention and equipment maintenance are part of this training. Duties for spill containment and clean-up are written in the Region Emergency Response Plan and are periodically reviewed with employees as part of the training outlined below.

B. Scheduled prevention briefings for the operating personnel are conducted frequently enough to assure adequate understanding of the SPCC Plan.

YES

Describe briefing program: Briefings are held periodically as part of regularly scheduled safety meetings or as necessitated by operations. Topics discussed at meetings include: SPCC rules and regulations, inspection requirements, prevention and clean-up methods, and emergency response procedures.

NAME OF FACILITY:
NAME OF OPERATOR:

Fee #9Y
XTO Energy Inc.

**PART II, ALTERNATE B
DESIGN AND OPERATING INFORMATION
ONSHORE OIL PRODUCTION FACILITY**

Response to statements should be: YES, NO, or NA (Not Applicable).

A. Facility Drainage

- 1. Drainage from diked storage areas is controlled as follows (including operating description of valves, pumps, ejectors, etc):**

Fluid is removed by vacuum trucks. Valves must be closed and locked when not draining fluids. Un-contaminated fluids maybe drained by means of a pump. Drainage must be supervised and records kept.

- 2. The procedure for supervising the drainage of rain water from secondary containment into a storm drain or an open watercourse is as follows (include description of (a) inspection for pollutants, and (b) method of valving security). (A record of inspection and drainage events is to be maintained on a form similar to Attachment #3):**

Storm water must show no visible oil sheen or be contaminated with produced water or treatment chemicals. Oil sheen (if any) must be removed before discharging water and produced water must be disposed in a Class injection well. Have bypass valves sealed and locked to prevent discharges

- 3. Field drainage ditches, road ditches, and oil traps, sumps, or skimmers, if such exist, are inspected at regularly scheduled intervals for accumulations of oil.**

Yes

B. Bulk Storage Tanks

- 1. Describe tank design, materials or construction, and fail-safe engineering features:**

Tanks are equipped with pressure-vacuum relief hatches or have a purge system installed to prevent collapse.

- 2. Describe secondary containment design, construction materials and volume:**

Dikes are constructed of earthen materials and are coated with magna chloride soil to prevent erosion. The dike at the Fee #9Y is designed to contain the total contents of the largest tank plus freeboard for rainfall. It measures 50' X 34' 2'.

- 3. Describe tank examination methods and procedures:**

Tanks are visually inspected by the lease pumper as part of his normal operations duties. All defective conditions and leaks are reported immediately and repairs made. In addition, inspection of tanks are part of a written documented annual inspection. Records will be maintained for 3 years.

C. Facility Transfer Operations

- 1. Describe scheduled basis for examinations of above-ground valves and pipelines and saltwater disposal facilities:**

Above ground valves, flowlines, and salt water disposal facilities are visually inspected by the lease pumper as part of his normal operations duties.

- 2. Describe flowline maintenance program to prevent spills:**

Flowlines are steel with welded or screwed connections and are designed to withstand pressure in excess of anticipated working pressure. Corrosion indicators are used dictated by past experience.

D. Oil Drilling and Workover Facilities

- 1. A blowout preventer (BOP) assembly and well control system is installed before drilling below any casing string and, as required during workover operations.**

YES

- 2. The BOP assembly is capable of controlling any expected wellhead pressure.**

YES

- 3. Casing and BOP installations conform to state regulations.**

YES

Fee #9Y
XTO Energy Inc.

(Complete this form for any reportable spill(s) which has (have) occurred from this facility during the twelve months prior to January 10, 1974 into the following navigable water body(ies):

[illegible]

NAME OF FACILITY:

Fee #9Y

NAME OF OPERATOR:

XTO Energy Inc.

**SPCC PLAN, ATTACHMENT #2
OIL SPILL CONTINGENCY PLANS AND
WRITTEN COMMITMENT OF MANPOWER**

Secondary containment or diversionary structures are impractical for this facility for the following reasons (attach additional pages if necessary):

Produced water tanks, crude oil and/or condensate tanks, gunbarrels, and vent tanks are surrounded by secondary containment as described in section II. It is typically impractical to have Secondary containment for flowlines, wellheads, line heaters, separators, and other production equipment. Flowlines are not diked due to their widespread locations throughout the facility and the pressures at which they operate. Other production equipment is not diked due to the small likelihood of a spill, small volume of the vessel and the operating pressures at which they operate which could cause the spilled material to spray outside of the diked area.

XTO Energy will commit the necessary manpower, equipment, and materials to adequately cleanup and remediate any spills in an expeditious manner. XTO Energy maintains a strong oil spill contingency plan as part of its overall Emergency Response Plan. The names and telephone numbers of XTO Energy and contract personnel to be used in a spill event can be found in the Emergency Response Plan.

A strong oil spill contingency plan is attached:

YES

A written commitment of manpower is attached:

YES

Fee #9Y

XTO Energy Inc.

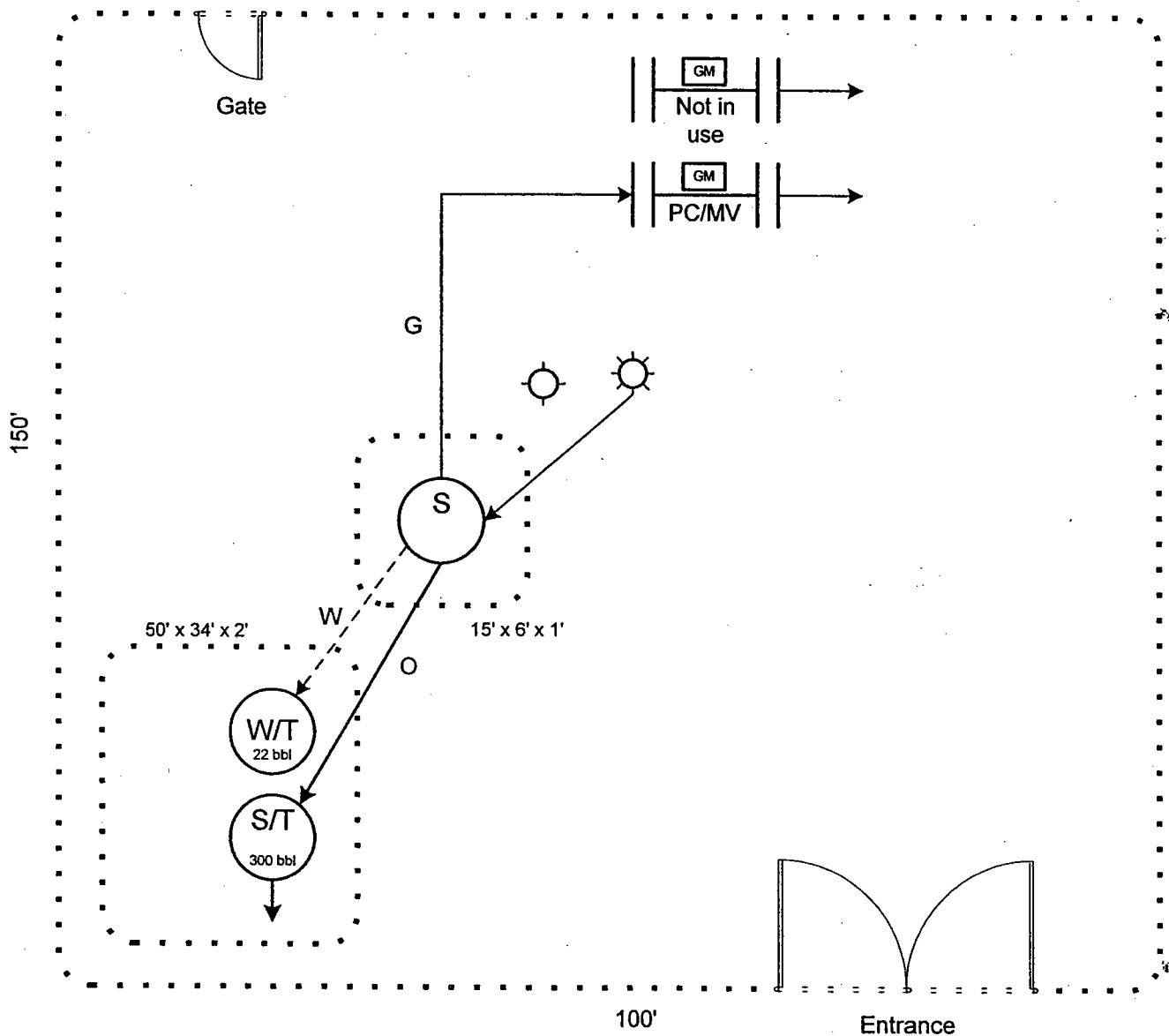
SPCC PLAN, ATTACHMENT #3
ONSHORE FACILITY BULK STORAGE TANKS
DRAINAGE SYSTEM

Inspection Procedure:

Record of drainage, bypassing, inspection, and oil removal from secondary containment:

[illegible]

XTO ENERGY INC
Fee #9Y
SW/4 NW/4, Unit E, Sec 9, T30N, R11W
API #: 30-045-24840



General sealing of valves, sales by tank gauging.

Production phase: Drain valve D1 and sales valve S1 sealed closed.

Sales phase: Drain valve D1 sealed closed. Sales valve S1 open.

Draining phase: Drain valve D1 open. Sales valve S1 sealed closed.

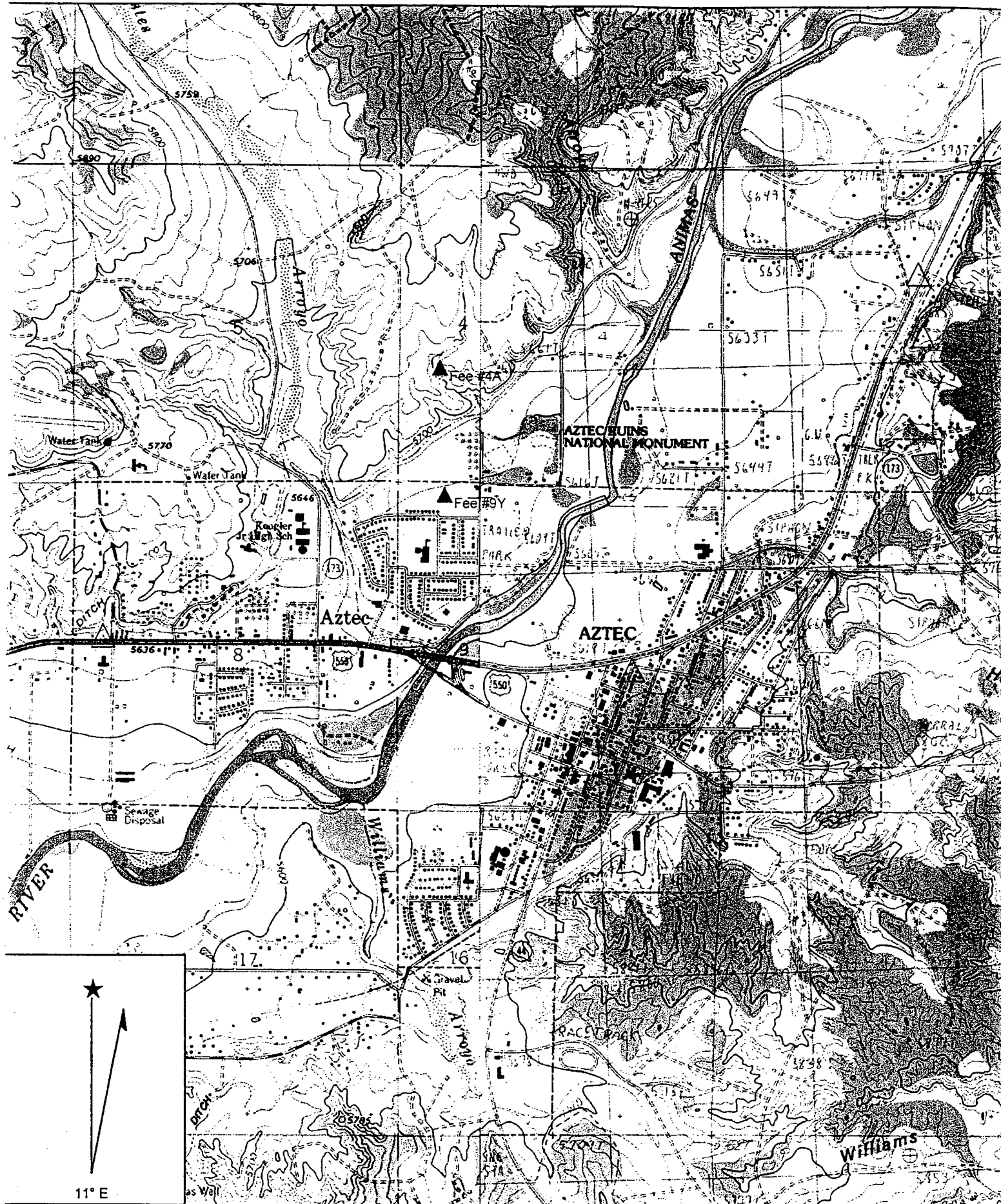
This lease is subject to the site security plan for San Juan Basin Area.

The plan is located at: XTO Energy Inc

2700 Farmington Ave., Bldg. K, Ste. 1

Farmington, NM 87401

7/28/04



Name: FLORA VISTA
 Date: 7/6/2004
 Scale: 1 inch equals 2000 feet

Location: 036° 49' 43.1" N 107° 59' 55.3" W
 Caption: XTO Wells - Aztec Ruins National Monument